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SEQUENCE LISTING

<110> ASANO, Shinichiro

<120> PROTEIN HAVING INSECTICIDAL ACTIVITY, DNA ENCODING THE PROTEIN, AND NOXIOUS ORGANISM-CONTROLLING AGENT AND METHOD

<130> Q68821

<140> 10/089,678

<141> 2002-04-03

<150> JP 2000-236140

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<150> PCT/JP01/06660

<151> 2001-08-02

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<170> PatentIn version 3.1

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Phe Ile Val Gly Gln Leu Trp Pro Ser Ser Thr Val Ser Val Trp Glu
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His Ala Phe Ser Phe His Ile Asp Thr Gly Glu Ile Asp Leu Asn Glu
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Ser	Thr	Ser	Val	Ser	Asp	Asn	Ser	Val	Arg	Tyr	Pro	Leu	Ala	Asn	Asp	
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caa	acg	acc	aca	tta	caa	aac	atg	aac	tat	aaa	gat	tat	ctg	aga	atg	144
Gln	Thr	Thr	Thr	Leu	Gln	Asn	Met	Asn	Tyr	Lys	Asp	Tyr	Leu	Arg	Met	
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tct	gag	gga	gag	aat	cct	gaa	tta	ttt	gga	aat	ccg	gag	acg	ttt	att	192
Ser	Glu	Gly	Glu	Asn	Pro	Glu	Leu	Phe	Gly	Asn	Pro	Glu	Thr	Phe	Ile	
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agt	tca	tct	acg	gtt	caa	act	gga	att	ggc	att	gtt	ggt	caa	gta	ctg	240
Ser	Ser	Ser	Thr	Val	Gln	Thr	Gly	Ile	Gly	Ile	Val	Gly	Gln	Val	Leu	
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ggg	gct	tta	ggg	gtt	cca	ttt	gct	gga	cag	ata	gct	agt	ttt	tat	agt	288
Gly	Ala	Leu	Gly	Val	Pro	Phe	Ala	Gly	Gln	Ile	Ala	Ser	Phe	Tyr	Ser	
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ttc	att	gtc	ggt	caa	tta	tgg	cca	tca	agt	acc	gtg	agt	gta	tgg	gaa	336
Phe	Ile	Val	Gly	Gln	Leu	Trp	Pro	Ser	Ser	Thr	Val	Ser	Val	Trp	Glu	
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Ser	Val	Arg	Lys	Thr	Ala	Leu	Ala	Gly	Leu	Gln	Gly	Leu	Gly	Asp	Gly	
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ctt	gat	ttt	gtt	gct	aaa	atc	cca	tct	ttt	gca	ata	tct	gga	cag	gaa	576
Leu	Asp	Phe	Val	Ala	Lys	Ile	Pro	Ser	Phe	Ala	Ile	Ser	Gly	Gln	Glu	
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gga gaa att tcc aca ttt tat gat cgt cag gtg aca cgt acc gcc caa Gly Glu Ile Ser Thr Phe Tyr Asp Arg Gln Val Thr Arg Thr Ala Gln 225 230 235 240	720
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Ser Leu Thr Val Gly Ala Asp Ser Phe Ala Ser Gly Gly Glu Val Tyr	645	650	655	
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Val Asp Lys Phe Glu Leu Ile Pro Val Asn Ala Thr Phe Glu Ala Glu	660	665	670	
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Glu Asp Leu Asp Val Ala Lys Lys Ala Val Asn Gly Leu Phe Thr Ser	675	680	685	
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Lys Lys Asp Ala Leu Gln Thr Ser Val Thr Asp Tyr Gln Val Asn Gln	690	695	700	
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Ala Ala Asn Leu Val Glu Cys Leu Ser Asp Glu Leu Tyr Pro Asn Glu	710	715	720	
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Lys Arg Met Leu Trp Asp Ala Val Lys Glu Ala Lys Arg Leu Val Gln	725	730	735	
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Asn Gly Trp Thr Gly Ser Thr Gly Ile Glu Val Ala Glu Gly Asp Val	755	760	765	
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Thr Glu Thr Tyr Pro Thr Tyr Leu Tyr Gln Gln Ile Asp Glu Ser Leu	785	790	795	800
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Leu Lys Pro Tyr Thr Arg Tyr Lys Leu Lys Gly Phe Ile Gly Ser Ser	805	810	815	
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Gln Asp Leu Glu Ile Lys Leu Ile Arg His Arg Ala Asn Gln Ile Val	820	825	830	
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Lys Asn Val Pro Asp Asn Leu Leu Pro Asp Val Leu Pro Val Asn Ser	835	840	845	
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Leu	Ala	Leu	Glu	Asn	Asn	Gly	Glu	Asn	Gly	Asn	Met	Ser	Ser	Asp	Ser		
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Gln	Ala	Ile	Asp	Arg	Leu	Phe	Ala	Asp	Tyr	Gln	Asp	Gln	Lys	Leu	Asn		
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Gln	Gln	Leu	Ser	Asp	Thr	Ser	Val	Leu	Val	Ile	Pro	Asn	Trp	Asn			
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